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Substitute	Substitute for form 1449A/PTO			Complete if Known		
				Application Number		
INFORMATION DISCLOSURE				Filing Date		
ST	ATEMENT I	<b>3Y APPL</b>	.ICANT	First Named Inventor	Zimmerman et al.	
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				Examiner Name		
Sheet	1	of	2	Attorney Docket Number	02W130	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-OD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
72	1	US-4,888,663	12/19/1989	Longerich et al.	Background Reference	
_\_	2	US-4,922,381	05/01/1990	Longerich et al.	Background Reference	
	3	US-4,903,603	02/27/1990	Longerich et al	Background Reference	
	4	US-4,949,917	08/21/1990	Cottle, Jr. et al.	Background Reference	
	-	US-4,531,791	07/30/1985	Bauchet .	Background Reference	
<u> </u>		US-5,394,609	03/07/1995	Ferguson et al.	Background Reference	
45	<u> </u>	US-5,425,514	06/20/1995	Grosso	Background Reference	
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		FOREIG	GN PATENT DOCU	IMENTS		
Exeminer Initiels*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pagas, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	۲
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Substitute for form 1449B/PTO				Complete if Known		
		_		Application Number		
IN.	<b>IFORMATION</b>	DISCL	OSURE	Filing Date	:	
	STATEMENT BY APPLICANT (use as many sheets as necessary)			First Named Inventor	Zimmerman et al.	
ľ				Group Art Unit		
				Examiner Name		
Sheet	2	of	2	Attomey Docket Number	02W130	

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite, No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	<sub>T</sub> 2	
R	5	Duran, Jacques, Trans., <u>Sands, Powders, and Grains: An introduction to the Physics of Granular Materials</u> , Springer-Verlag, New York, 2000, p. 60.		
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Date Examiner Considered Signature

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